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## Emitter follower

### Sci-Tech Dictionary

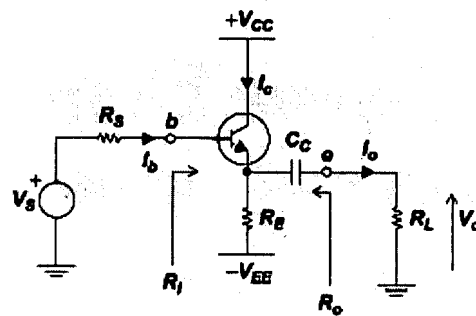
emitter follower (i'mid·ər 'fāl·ə·wər)

(*electronics*) A grounded-collector transistor amplifier which provides less than unity voltage gain but high input resistance and low output follower in its operations.

### Sci-Tech Encyclopedia

#### Emitter follower

A circuit that uses a common-collector transistor amplifier stage with unity voltage gain, large input resistance  $R_i$ , and small output resist. emitter follower is analogous and very similar to the source follower in metal-oxide-semiconductor (MOS) circuits. Many electronic circuit cannot deliver adequate power to a low-resistance load, or do suffer unacceptable voltage attenuation. In these cases, an emitter follower is often found as the last stage of a multistage amplifier so that the circuit is better able to drive a low-resistance load. *See also* Amplifier



Schematic diagram of an emitter follower circuit.

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